

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
 Data File : VX044170.D
 Acq On : 06 Dec 2024 12:45
 Operator : JC/MD
 Sample : P5066-02
 Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 11:47:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 07 03:56:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

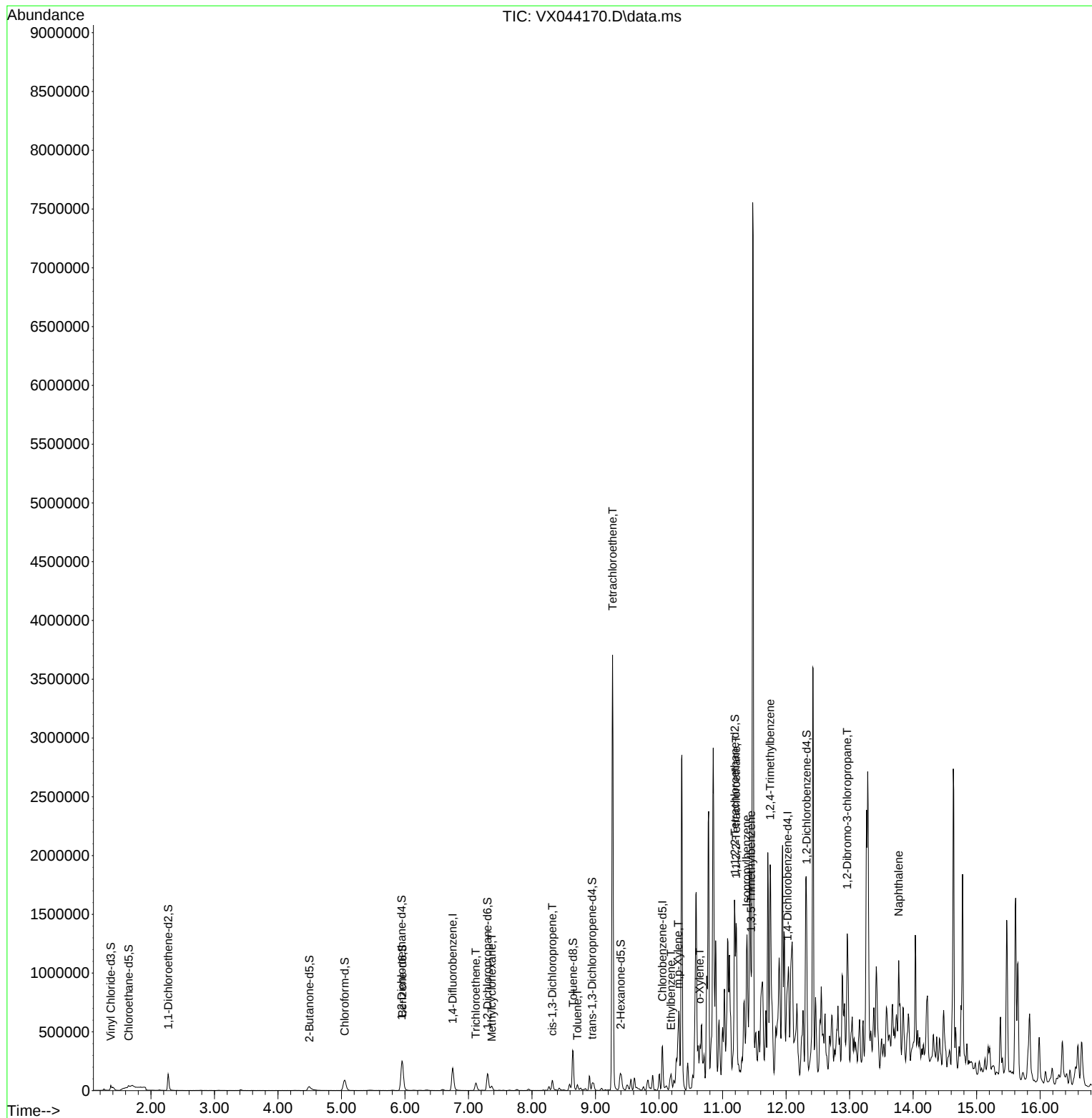
Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	187419	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	169216	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	78496	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	25075	14.620	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	29.240%#		
7) Chloroethane-d5	1.648	69	12707	9.564	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	19.120%#		
11) 1,1-Dichloroethene-d2	2.270	65	25084	34.198	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.400%		
21) 2-Butanone-d5	4.495	46	82289	78.365	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery =	78.370%		
24) Chloroform-d	5.050	84	114396	35.129	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	70.260%		
26) 1,2-Dichloroethane-d4	5.946	65	84702	36.781	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.560%		
32) Benzene-d6	5.958	84	219322	37.511	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.020%		
36) 1,2-Dichloropropane-d6	7.299	67	70324	38.735	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	77.460%		
41) Toluene-d8	8.647	98	210310	38.901	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.800%#		
43) trans-1,3-Dichloroprop...	8.945	79	27304	31.295	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.600%		
47) 2-Hexanone-d5	9.396	63	51128	72.226	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	72.230%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	121595	49.949	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.900%		
66) 1,2-Dichlorobenzene-d4	12.323	152	74383	40.670	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.340%		
Target Compounds						Qvalue
34) Trichloroethene	7.116	95	24729	17.627	ug/L	88
35) Methylcyclohexane	7.366	83	15484	7.619	ug/L	92
39) cis-1,3-Dichloropropene	8.317	75	2469	1.142	ug/L	88
42) Toluene	8.714	91	31944	5.867	ug/L	90
46) Tetrachloroethene	9.268	164	602245	643.522	ug/L	96
52) Ethylbenzene	10.189	91	53716	8.956	ug/L	98
53) m,p-Xylene	10.299	106	68159	31.377	ug/L	93
54) o-Xylene	10.640	106	38308	17.149	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	92331	42.093	ug/L #	34
60) Isopropylbenzene	11.378	105	261338	43.145	ug/L	95
62) 1,3,5-Trimethylbenzene	11.451	105	154058	30.648	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	593135	120.232	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.963	75	3570	8.640	ug/L #	16
71) Naphthalene	13.774	128	471873	82.905	ug/L	96

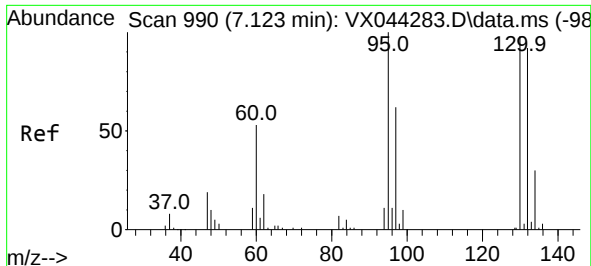
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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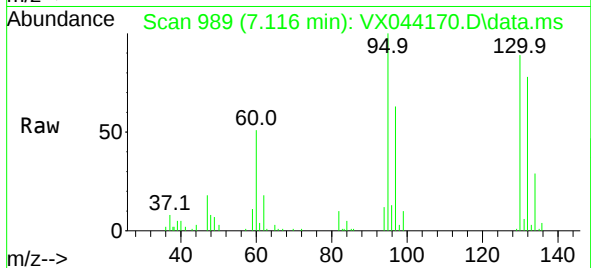
Quant Time: Dec 16 11:47:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 07 03:56:15 2024
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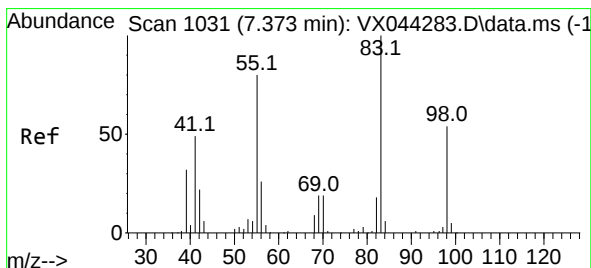
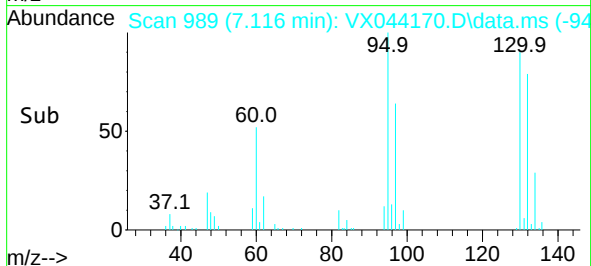
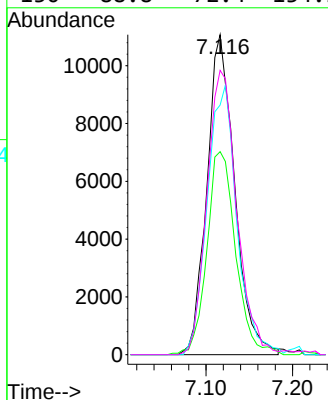
#34
Trichloroethene
Concen: 17.627 ug/L
RT: 7.116 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044170.D
Acq: 06 Dec 2024 12:45

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 24729

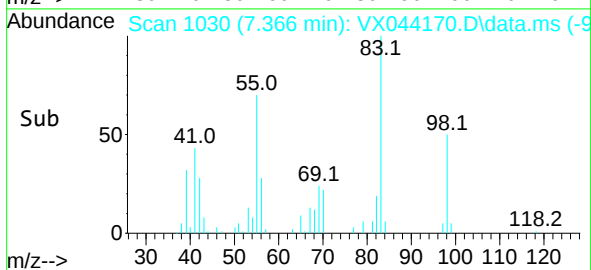
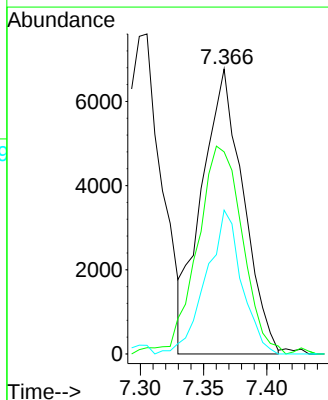
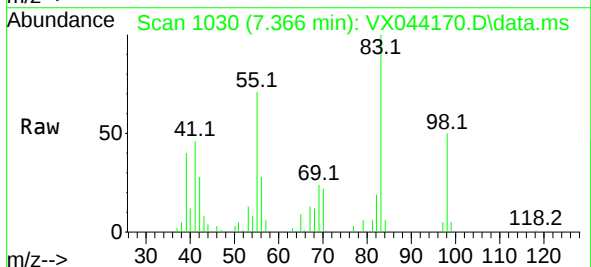
Ion	Ratio	Lower	Upper
95	100		
97	63.5	45.0	83.6
132	78.0	66.6	123.8
130	88.8	72.4	134.5

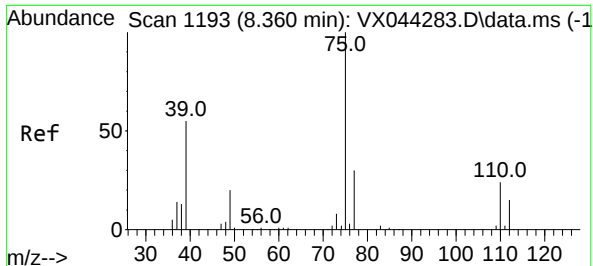


#35
Methylcyclohexane
Concen: 7.619 ug/L
RT: 7.366 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX044170.D
Acq: 06 Dec 2024 12:45

Tgt Ion: 83 Resp: 15484

Ion	Ratio	Lower	Upper
83	100		
55	78.1	58.5	87.7
98	43.1	40.5	60.7





#39

cis-1,3-Dichloropropene

Concen: 1.142 ug/L

RT: 8.317 min Scan# 1186

Delta R.T. -0.043 min

Lab File: VX044170.D

Acq: 06 Dec 2024 12:45

Instrument :

MSVOA_X

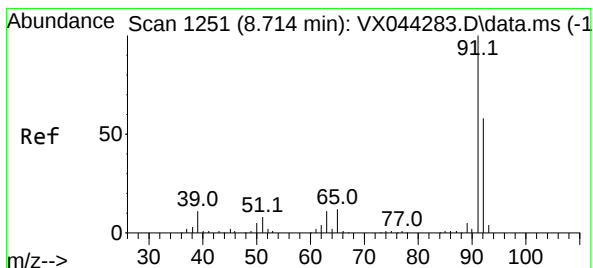
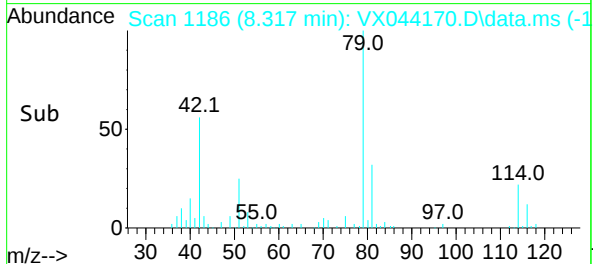
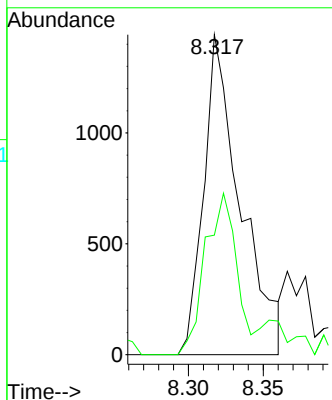
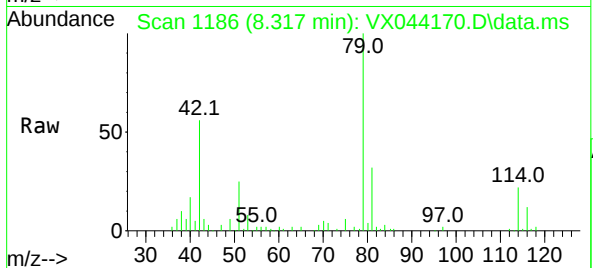
ClientSampleId :

Tgt Ion: 75 Resp: 2469

Ion Ratio Lower Upper

75 100

77 37.4 21.6 40.0



#42

Toluene

Concen: 5.867 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044170.D

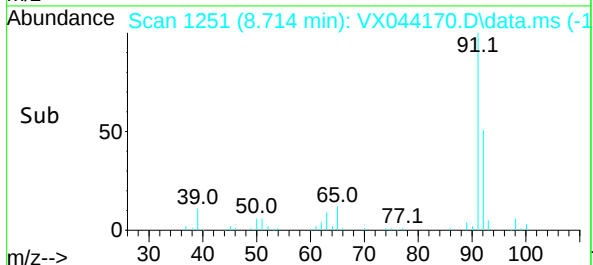
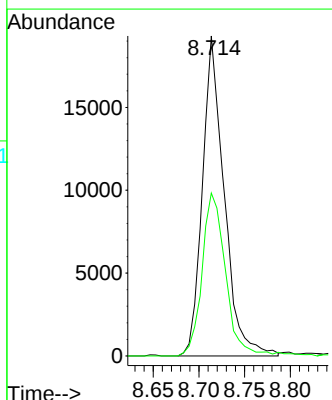
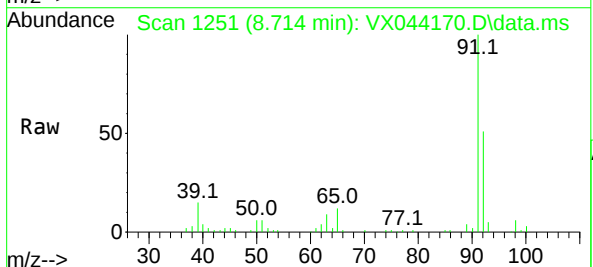
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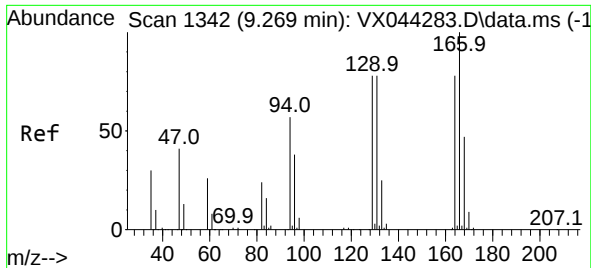
Tgt Ion: 91 Resp: 31944

Ion Ratio Lower Upper

91 100

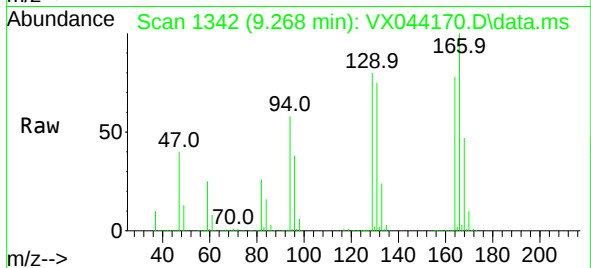
92 50.9 40.7 75.5



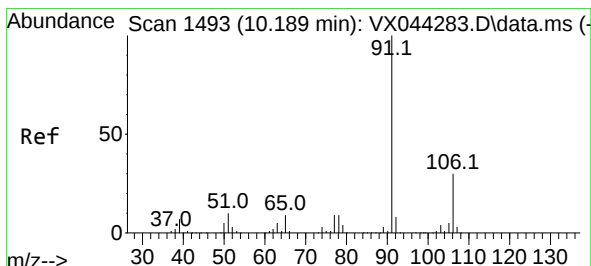
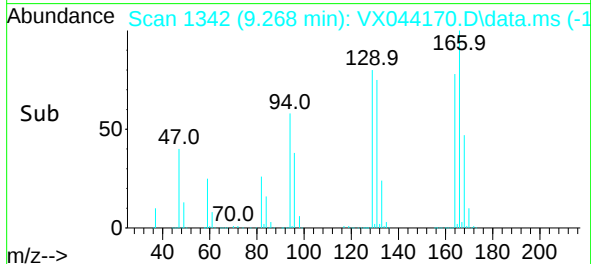
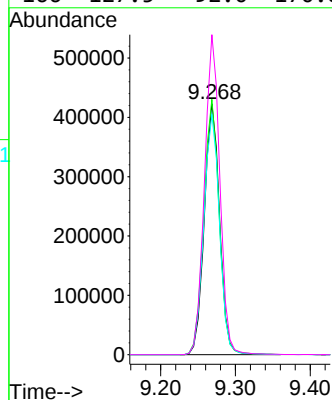


#46
Tetrachloroethene
Concen: 643.522 ug/L
RT: 9.268 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044170.D
Acq: 06 Dec 2024 12:45

Instrument :
MSVOA_X
ClientSampleId :

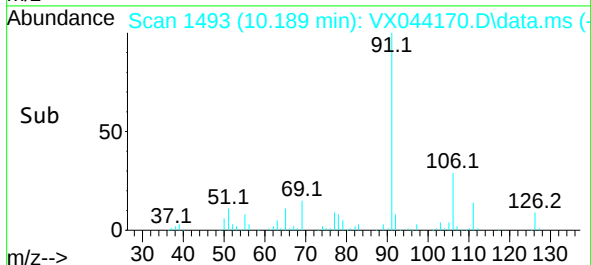
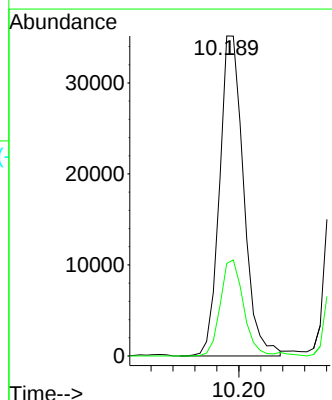
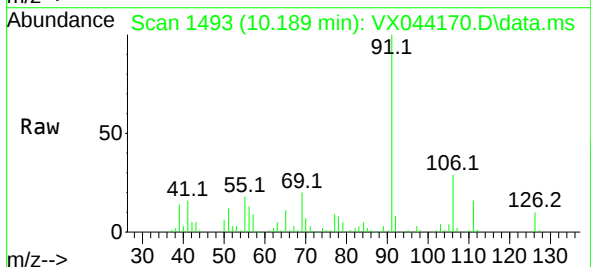


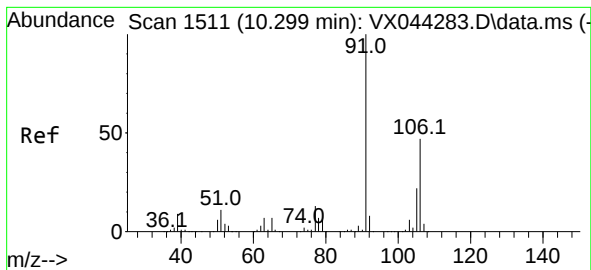
Tgt Ion:164 Resp: 602245
Ion Ratio Lower Upper
164 100
129 101.7 73.6 136.6
131 95.7 70.2 130.4
166 127.5 92.0 170.8



#52
Ethylbenzene
Concen: 8.956 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044170.D
Acq: 06 Dec 2024 12:45

Tgt Ion: 91 Resp: 53716
Ion Ratio Lower Upper
91 100
106 29.0 21.1 39.1





#53

m,p-Xylene

Concen: 31.377 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044170.D

Acq: 06 Dec 2024 12:45

Instrument :

MSVOA_X

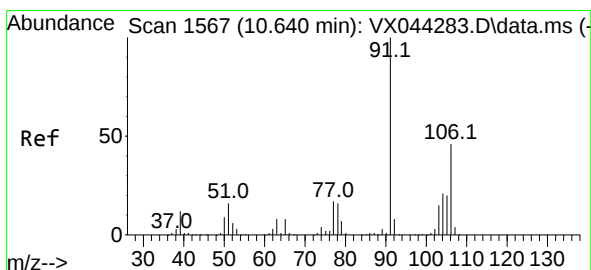
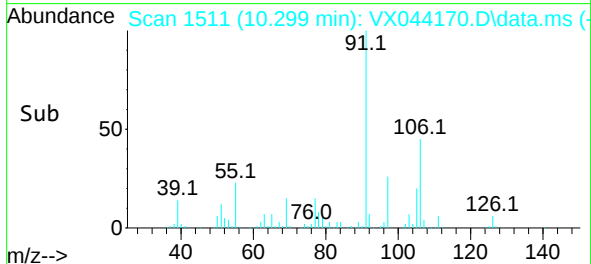
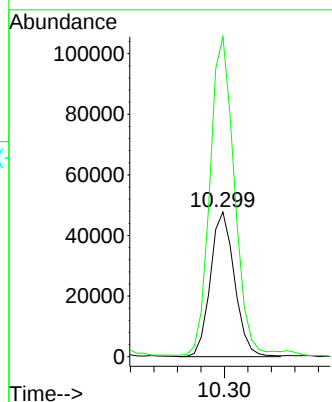
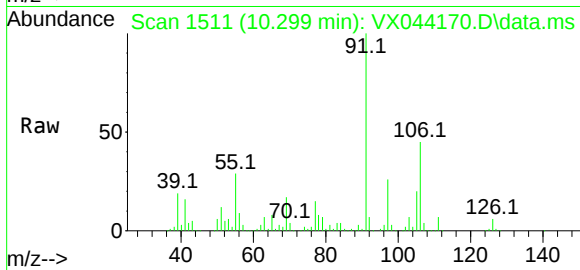
ClientSampleId :

Tgt Ion:106 Resp: 68159

Ion Ratio Lower Upper

106 100

91 221.1 147.5 273.9



#54

o-Xylene

Concen: 17.149 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044170.D

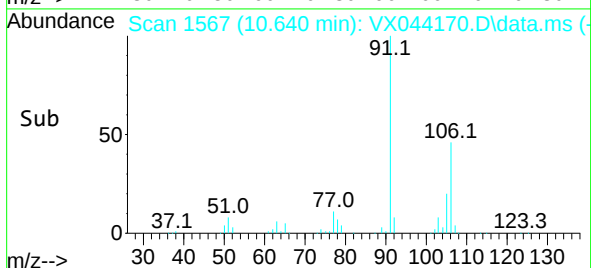
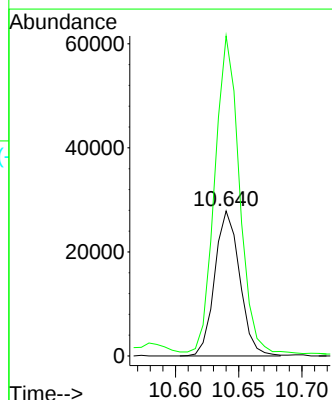
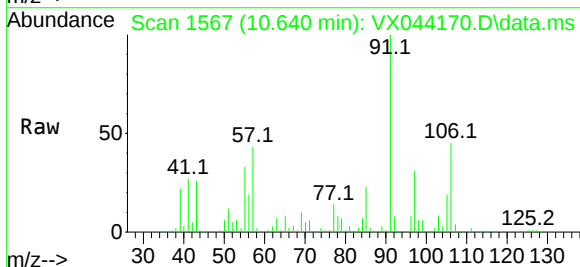
Acq: 06 Dec 2024 12:45

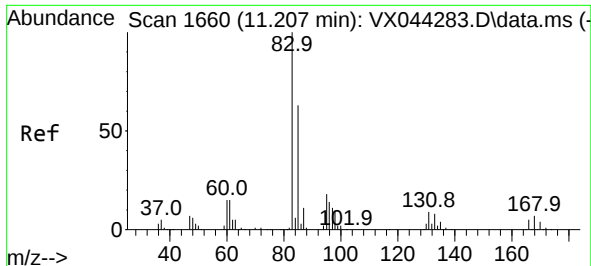
Tgt Ion:106 Resp: 38308

Ion Ratio Lower Upper

106 100

91 220.7 153.7 285.5





#57

1,1,2,2-Tetrachloroethane

Concen: 42.093 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044170.D

Acq: 06 Dec 2024 12:45

Instrument :

MSVOA_X

ClientSampleId :

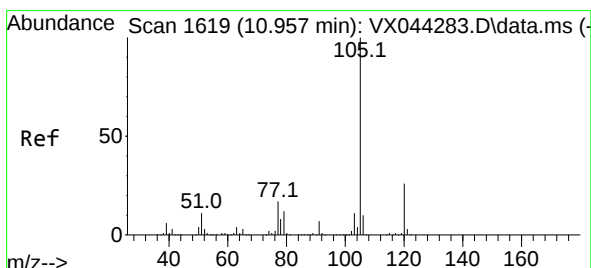
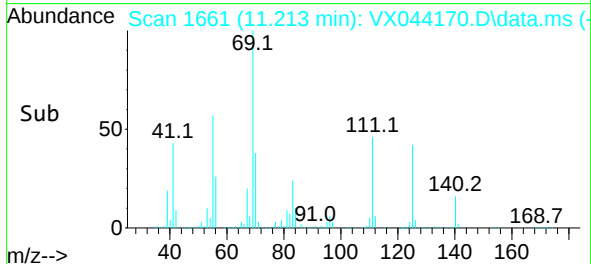
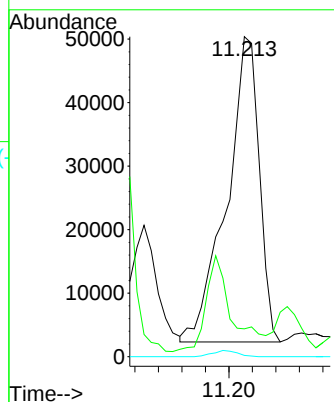
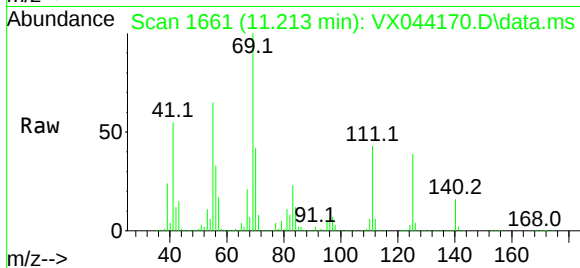
Tgt Ion: 83 Resp: 92331

Ion Ratio Lower Upper

83 100

85 8.7 46.0 85.4#

131 0.4 8.8 13.2#



#60

Isopropylbenzene

Concen: 43.145 ug/L

RT: 11.378 min Scan# 1688

Delta R.T. 0.420 min

Lab File: VX044170.D

Acq: 06 Dec 2024 12:45

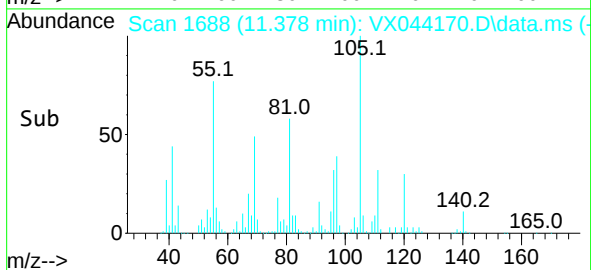
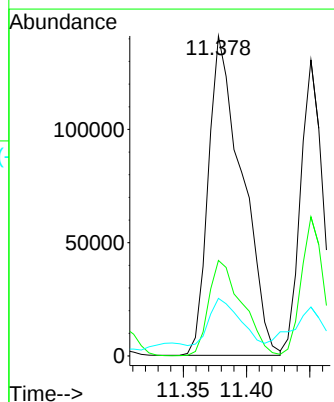
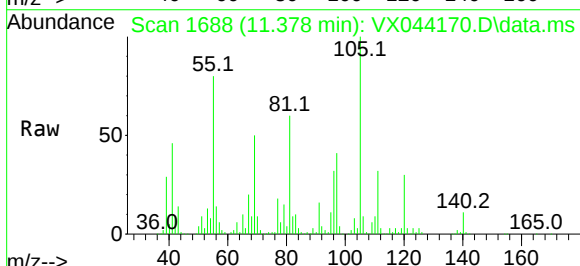
Tgt Ion:105 Resp: 261338

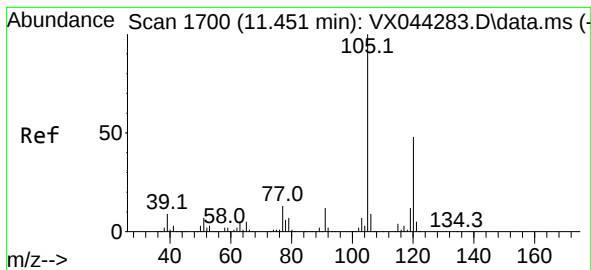
Ion Ratio Lower Upper

105 100

120 29.5 20.6 31.0

77 16.3 13.4 20.0

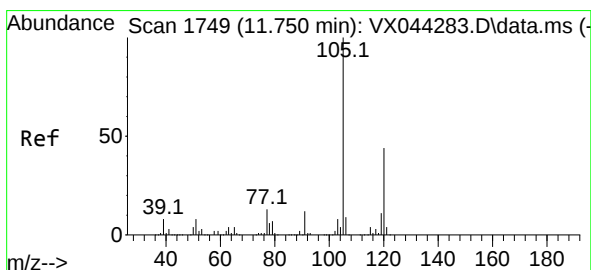
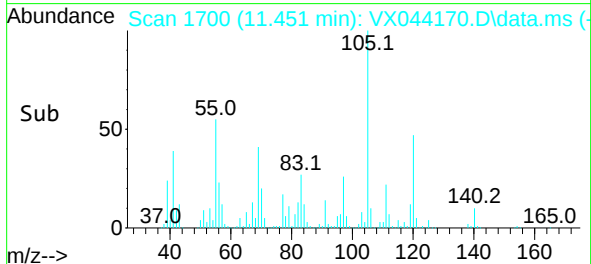
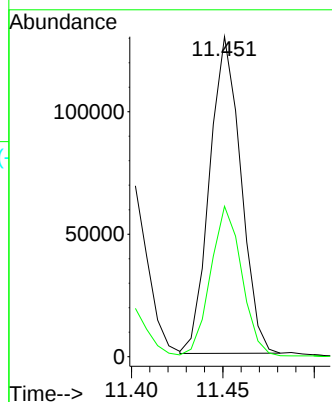
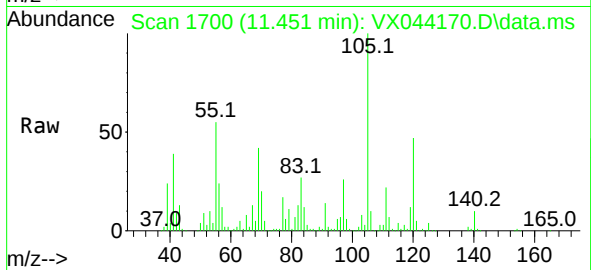




#62
1,3,5-Trimethylbenzene
Concen: 30.648 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044170.D
Acq: 06 Dec 2024 12:45

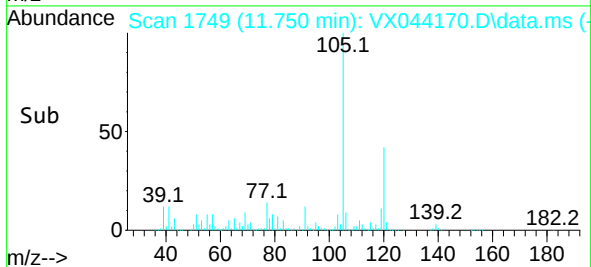
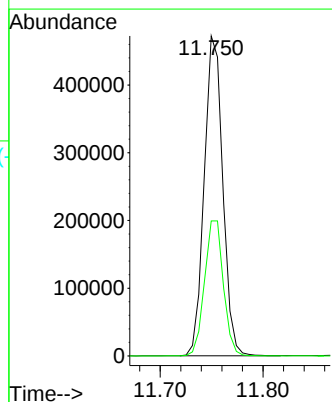
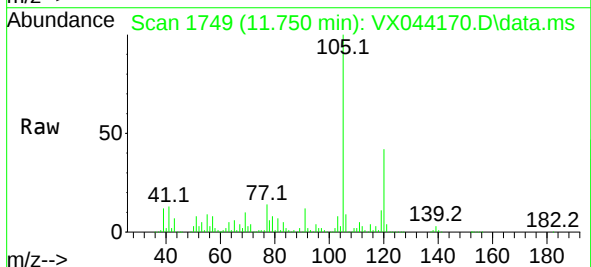
Instrument :
MSVOA_X
ClientSampleId :

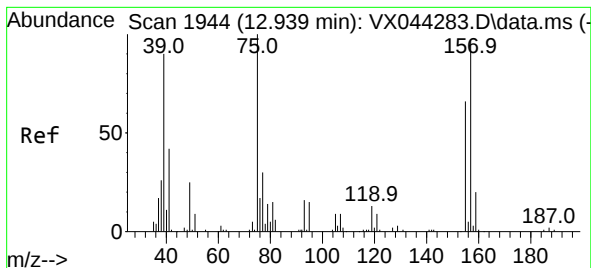
Tgt Ion:105 Resp: 154058
Ion Ratio Lower Upper
105 100
120 46.9 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 120.232 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044170.D
Acq: 06 Dec 2024 12:45

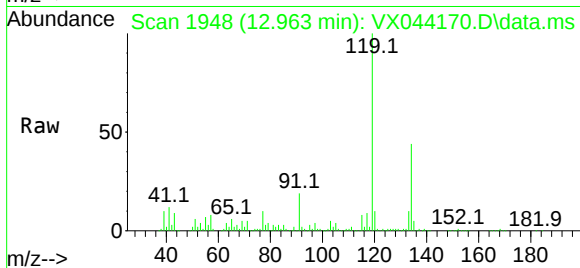
Tgt Ion:105 Resp: 593135
Ion Ratio Lower Upper
105 100
120 43.2 34.5 51.7



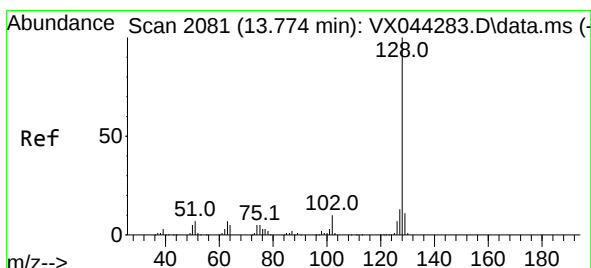
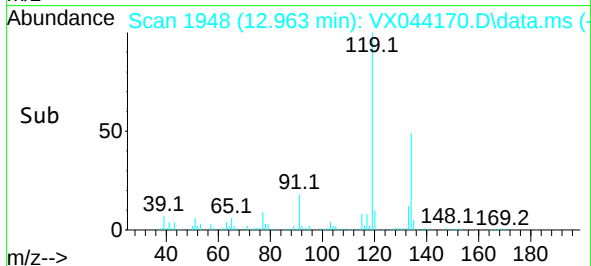
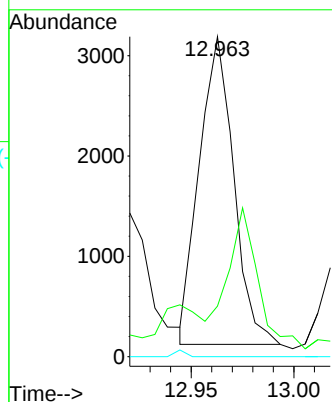


#68
1,2-Dibromo-3-chloropropane
Concen: 8.640 ug/L
RT: 12.963 min Scan# 1948
Delta R.T. 0.018 min
Lab File: VX044170.D
Acq: 06 Dec 2024 12:45

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 3570
Ion Ratio Lower Upper
75 100
155 15.8 60.5 90.7#
157 0.0 73.5 110.3#



#71
Naphthalene
Concen: 82.905 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX044170.D
Acq: 06 Dec 2024 12:45

Tgt Ion:128 Resp: 471873
Ion Ratio Lower Upper
128 100
127 13.7 10.1 15.1
129 12.9 8.6 13.0

